

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

PRODUCTION OF SYRINGYL LIGNIN IN GYMNOSPERMS

the specification of which is attached hereto unless the following box is checked:

was filed on December 16, 1997, as United States Application No. 08/991,677 or PCT International Application No. _____ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Not Claimed

(Number)	(Country)	(Day/Month/Year Filed)	[]
_____	_____	_____	[]
_____	_____	_____	[]

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application listed below.

60/033,381 (Application Number)	December 16, 1996 (Filing Date)
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I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

(Application Number)	(Filing Date)	(Status--patented, pending, abandoned)
_____	_____	_____
_____	_____	_____

I hereby appoint the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Mark S. Graham, Reg. No. 32,355
 Andrew S. Neely, Reg. No. 28,979
 W. Allen Marcontell, Reg. No. 22,925
 Robert O. Fox, Reg. No. 34,165
 David E. LaRose, Reg. No. 34,369

Michael J. Doyle, Reg. No. 29,635
 Christopher Nicastri, Reg. No. 32,161
 Michael E. Sellers, Reg. No. 39,831
 Richard W. Barnes, Jr., Reg. No. 39,596

Address all telephone calls to Mark S. Graham at telephone number (423) 546-4305.

Address all correspondence to: Customer No. 000408.

MARK S. GRAHAM, ESQ.
LUEDEKA, NEELY & GRAHAM, P.C.
P. O. Box 1871
Knoxville, TN 37901.

I hereby authorize the attorney(s) or agent(s) named herein to accept and follow instructions from International Paper Company as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the attorney(s) or agent(s) and myself. In the event of a change in the persons from whom instructions may be taken, the U.S. attorney(s) or agent(s) named herein will be so notified by me.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor (given name, family name): Vincent L. Chiang

Inventor's signature Vincent L. Chiang Date 2-19-98

Residence: 1104 Birch Street, Hancock, Michigan 49930

Citizenship: United States of America

Post Office Address: 1104 Birch Street
Hancock, Michigan 49930

Full name of second joint inventor (given name, family name): Daniel T. Carraway

Second Inventor's signature Daniel T. Carraway Date 2-9-98

Residence: 1910 Rich Street, Bainbridge, Georgia 31717

Citizenship: United States of America

Post Office Address: 1910 Rich Street
Bainbridge, Georgia 31717

Full name of third joint inventor (given name, family name): Richard H. Smeltzer

Third Inventor's signature Richard H. Smeltzer Date February 9, 1998

Residence: 5036 Valley Farm Road, Tallahassee, Florida 32303

Citizenship: United States of America

Post Office Address: 5036 Valley Farm Road
Tallahassee, Florida 32303

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UNITED STATES DEPARTMENT OF COMMERCE
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JANUARY 28, 1999

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LUEDEKA, NEELY & GRAHAM, P.C.
MARK S. GRAHAM, ESQ.
P.O. BOX 1871
KNOXVILLE, TN 37901



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BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:

CHIANG, VINCENT L.

DOC DATE: 02/19/1998

ASSIGNEE:

CARRAWAY, DANIEL T.

DOC DATE: 02/09/1998

ASSIGNEE:

SMELTZER, RICHARD H.

DOC DATE: 02/13/1998

ASSIGNEE:

INTERNATIONAL PAPER COMPANY
TWO MANHATTANVILLE ROAD
PURCHASE, NEW YORK 10577-2196

SERIAL NUMBER: 60033381
PATENT NUMBER:

FILING DATE: 12/16/1996
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FILING DATE: 12/16/1997
ISSUE DATE:

TARA WASHINGTON, EXAMINER
ASSIGNMENT DIVISION
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01-26-1999



:ET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

MRD 1-2699

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To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Vincent L. Chiang,
Daniel T. Carraway and
Richard H. Smeltzer

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

Assignment Merger
 Change of Name Other
 Security Agreement

Execution Date: 2/19/98, 2/9/98 & 2/13/98

4. Application number(s) or patent (numbers):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No(s).

60/033,381
08/991,677

B. Patent No(s).

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Mark S. Graham, Esq.
LUEDEKA, NEELY & GRAHAM, P.C.
P. O. Box 1871
Knoxville, TN 37901

6. Total number of applications and patents involved:

2

7. Total fee (37 CFR 3.41).....\$ 80.00.

 Enclosed Please charge to deposit account any missing or additional fee

8. Deposit Account No. 12-2355

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Mark S. Graham
Name of Person Signing

Mark S. Graham
Signature

January 21, 1999
Date

Total number of pages including cover sheet: (3)

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A S S I G N M E N T

We, Vincent L. Chiang, a citizen of the United States, having a mailing address of 1104 Birch Street, Hancock, Michigan 49930, Daniel T. Carraway, a citizen of the United States, having a mailing address of 1910 Rich Street, Bainbridge, Georgia 31717, and Richard H. Smeltzer, a citizen of the United States, having a mailing address of 5036 Valley Farm Road, Tallahassee, Florida 32303, for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to INTERNATIONAL PAPER COMPANY, a New York corporation, having its principal place of business at Two Manhattanville Road, Purchase, New York 10577-2196, its successors, assigns and legal representatives, the entire right, title and interest throughout the world in and to all subject matter invented by us and disclosed in the applications identified below:

Title: PRODUCTION OF SYRINGYL LIGNIN IN GYMNOSPERMS

Serial No.: 60/033,381 Filing Date: December 16, 1996

Title: PRODUCTION OF SYRINGYL LIGNIN IN GYMNOSPERMS

Serial No. 08/991,677 Filing Date: December 16, 1997

and in and to all Letters Patent and all Convention and treaty rights of all kinds, in all countries throughout the world, for all such subject matter. We agree to sign all papers necessary to secure all said Letters Patent to the above assignee in accordance with the Assignment.

2-19-98

Date of Execution of Assignment

2-9-98

Date of Execution of Assignment

2-19-98

Date of Execution of Assignment

Vincent L. Chiang

Vincent L. Chiang

Daniel T. Carraway

Daniel T. Carraway

Richard H. Smeltzer

Richard H. Smeltzer

STATE OF MICHIGAN)
)
COUNTY OF HOUGHTON)

I hereby certify that before me appeared Vincent L. Chiang, personally known by me, who then and there was duly sworn by me, and under oath acknowledged that the foregoing assignment was duly signed, sealed and delivered by him on the date appearing at the foot thereof.

Date: Feb 19, 1998

Cindee M. Molnar

Notary Public

My Commission Expires:

February 24, 2002

* * * * *

CINDEE M. MOLNAR
NOTARY PUBLIC - HOUGHTON COUNTY, MI
MY COMMISSION EXP. 02/24/2002

STATE OF GEORGIA)
)
COUNTY OF DECATUR)

I hereby certify that before me appeared Daniel T. Carraway, personally known by me, who then and there was duly sworn by me, and under oath acknowledged that the foregoing assignment was duly signed, sealed and delivered by him on the date appearing at the foot thereof.

Date: 2/9/98

Leanne M. Stanley

Notary Public

My Commission Expires:

MY COMMISSION EXPIRES FEB. 25, 2001

* * * * *

STATE OF FLORIDA)
)
COUNTY OF LEON)

I hereby certify that before me appeared Richard H. Smeltzer, personally known by me, who then and there was duly sworn by me, and under oath acknowledged that the foregoing assignment was duly signed, sealed and delivered by him on the date appearing at the foot thereof.

Date: 2-12-98

Michelle B. Cook

Notary Public

My Commission Expires:

Prostecct FL#L 7643 115-40-294